

Explosion proof version (Ex)

Pos	Qty	Part nr	Robot nr	Description		Pattern	Material
1	1	76122G	R700-210-GG	Motor housing	mh300	P474G	EN-GJL-250
3	(1)		R702-338-BE	Stator with thermo switches	48 kW-4 380/660V-50Hz		
	1		R702-338-DE	Stator with thermo switches	48 kW-4 415/720V-50Hz		
4	1	9T528M	R703-338-RM	Rotor	48kW-4 con50		AISI 431
5	1	9L0438	R750-107	Ball bearing	6308 RS1/ C3 GJN		
6	1	9L0440	R750-116	Ball bearing	6311-2Z		
10	1	76130G	R704-153-GG	Seal housing	DWP62, RW61	P477G	EN-GJL-250
11	1	76152B	R704-156-NI	Membrane	RW/RT60		NBR
12	1	9D2271	R706-301	Mechanical seal	Ø50 NBR/ceramic/SiC/1.457		SiC/ceramic/NBR
13	1	9D2270	R706-300	Mechanical seal	Ø50 NBR / SiC/SiC / 1.4571		SiC/SiC/NBR
15	1	76128G	R707-186-GG	Bearing housing	Ø120 RW/RD60	P489G	EN-GJL-250
16	1	77157G	R707-179-GG	Bearing housing cover		P509G	EN-GJL-250
17	1	77156G	R707-177-GG	Bearing housing cover		P508G	EN-GJL-250
18	1	77161G	R707-206-GG	Bearing hub	Ø90	P532G	EN-GJL-250
<b>Cable conn. box cable 25/35mm2</b>							
19	1	76688G	R709-344-GG	Cable connection flange	6xM24x1.5 ATEX + FM	P648G	
20	1		R709-417-GG	Connection box	2x G2" G7/8" (4x25/35mm2)		
21	1		R709-416-GG	Connection box cover	RT/RV80 HW3/4/6/8000(Ex)		
22	4	76247C	R756-112	Seal ring	Ø24xØ11x7		CR
23	1		R759-131	Mounting rail	Geboorde uitvoering NS 35/7,5 - L=180		
24	1	9B4420 repl	R754-026	Hexagon socket screw	M 6 x 12		
24.1	2		R758-025	Washer	(M 6)		
25	(3/6)		R709-345	Line bushing	1x25mm2-M24x1.5 ATEX + FM		
	(3/6)		R709-347	Line bushing	1x35mm2-M24x1.5 ATEX + FM		
26	1		R709-292	Line bushing	3x1.5 mm2-M16x1.5 ATEX		
27.2	2		R759-124	End clamp	Voor montagerail NS 35 E/UK		
28	6		R759-121	Terminal	Universele Ex-klem UK 35		
29	3		R759-118	Terminal	Universele Ex-klem UK 2,5 N		
31	1		R759-125	Zack marker sheet	Bedrukt 1 t/m 12 horizontaal ZBFM 5		
<b>Cable conn. box cable max. 16mm2</b>							
20	1		R709-308-GG	Connection box	2x M42+R7/8"		
21	1		R709-309-GG	Connection box cover	pasr.150		
23	1		R759-123	Mounting rail	Geboorde uitvoering NS 35/7,5 - L=145		
24	2	9B4420 repl	R754-026	Hexagon socket screw	M 6 x 12		
24.1	2		R758-025	Washer	(M 6)		
25	1		R709-320	Line bushing	6x16mm2-M42x1.5 ATEX + FM Keur		
	(1)		R709-319	Line bushing	6x10mm2-M42x1.5 ATEX + FM Keur		
	(1)		R709-332	Line bushing	6x6mm2-M42x1.5 ATEX + FM keur		
26	1		R709-292	Line bushing	3x1.5 mm2-M16x1.5 ATEX		
27.1	2		R759-122	Cover	Voor UK 16 N D-UK 16		

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27.2	2		R759-124	End clamp	Voor montagerail NS 35 E/UK		
28	6		R759-120	Terminal	Universele Ex-klem UK 16 N		
29	3		R759-118	Terminal	Universele Ex-klem UK 2,5 N		
31	1		R759-125	Zack marker sheet	Bedrukt 1 t/m 12 horizontaal ZBFM 5		
<b>Cable list YD 220V 50Hz</b>							
35	2		R709-194	Cable	4x35mm2 Ø34.7- Ø38.0		
36	2		R709-195	Cable entry	G 2" unit 1848.26		
38	2		R709-411	Cable sleeve	50x40x25 voor 709-195		
	(2)		R709-404	Cable sleeve	50x36x25		
48	6		R759-107	Cable connector	(35mm2) A36946-0		
<b>Cable list YD 380 - 415V 50Hz</b>							
35	2		R709-089	Cable	4x16mm2 Ø26.8- Ø30.0		
36	2	77002Z	R709-274-RZ	Cable entry	M42x1.5	P409Z	AISI 316
37	2	77017Z	R709-299-RZ	Clamp	Ø26-32	P419Z	AISI 316
38	2	77060C	R709-281	Cable sleeve	39x28.5x27 Ø27-32		CR
39	4	77040Z	R709-242	Pressing ring	38.5x29x3		AISI 316
45	4	9B4430 repl	R754-077	Hexagon socket screw	M 8x 20		
48	6	572030	R759-074	Cable connector	(16mm2) AMP 0-0034320-0		
<b>Auxiliary cable</b>							
35	1		R709-086	Cable	4x2.5mm2 Ø15.6- Ø16.6 CR / EPR / Cu		
36	1	77001Z	R709-002-RZ	Cable entry	G 7/8"	P408Z	AISI 316
37	1	77008Z	R709-004-RZ	Clamp	Ø15-17	P411Z	AISI 316
38	1	77054C	R709-029	Cable sleeve	27.5x16x23 Ø15-17		CR
39	2	77036Z repl	R709-167	Pressing ring	27.5x18x3		
45	2	9B4422 repl	R754-093	Hexagon socket screw	M 6 x 16		
48	3	573302 repl	R759-007	Cable connector	(2.5mm2) AMP 0-0328730-0		
56	1	77250Z	R713-210-RZ	Data plate	Robot Pumps		AISI 316
57	1		R713-212-RZ	Data plate	ATEX 2005 Eex		
60	1	9D1339	R751-018	O-ring	120.24x 3.53		NBR
61	1	9D1381	R751-151	O-ring	297.8x 6.99		NBR
62	1	9D1371	R751-169	O-ring	280x 5.00		NBR
63.1	(1)	9D1341	R751-200	O-ring	125x 4.00		NBR
63.2	(1)		R751-008	O-ring	126.37x 7.00		
64.1	(1)	9D1348	R751-091	O-ring	146x 4.00		NBR
64.2	(1)		R751-173	O-ring	188x 4.00		
66	(1)		R751-088	O-ring	208.7x 7.00		
67	1	9B1855	R752-011	Circlip	A 55x2		spring steel
68	1	9B1841	R752-005	Circlip	A 40x1.75		spring steel
69	1	9B1850	R752-006	Circlip	A 50x2		spring steel
70	1		R753-025	Stud bolt	M 8 x 12		AISI 316
71.1	1	9B0523	R754-028	Hexagon socket screw	M 8x 16		AISI 316
71.2	1	9B0523	R754-028	Hexagon socket screw	M 8x 16		AISI 316
71.3	(1)	9B0523	R754-028	Hexagon socket screw	M 8x 16		AISI 316
72.1	(1)	9B4431	R754-155	Hexagon socket screw	M 8x 25		AISI 316
72.2	(1)	9B4433 repl	R754-030	Hexagon socket screw	M 8x 35		

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73	2	9B4440 repl	R754-092	Hexagon socket screw	M10x 20	
	1	9B5308	R709-060	Plug	M 20x1.5	CuZn 40
74	8	9B4431	R754-155	Hexagon socket screw	M 8x 25	AISI 316
75	4	9B4452 repl	R754-099	Hexagon socket screw	M12x 30	
76.1	(4)		R754-200	Hexagon socket screw	M10x120	
76.2	(4)	9B4494 repl	R754-120	Hexagon socket screw	M10x 45	
76.3	(4)	9B4442 repl	R754-079	Hexagon socket screw	M10x 30	
77	4	9B4440 repl	R754-092	Hexagon socket screw	M10x 20	
78	6	9B4441 repl	R754-027	Hexagon socket screw	M10x 25	
79	4	9B4441 repl	R754-027	Hexagon socket screw	M10x 25	
79.1	(2)		R756-135	Grub screw	M10x20	
80	(4)	9B3651	R756-045	Grub screw	M12x 16 bzk	AISI 316
83	1	9B2316	R756-125	Key	10x 8x30	AISI 316
84.1	1	9B5610	R756-028	Dubo ring	M 8 Type 11 14x8.3x3	PA 6.6
84.2	1	9B5610	R756-028	Dubo ring	M 8 Type 11 14x8.3x3	PA 6.6
84.3	(1)	9B5610	R756-028	Dubo ring	M 8 Type 11 14x8.3x3	PA 6.6
85	2	9B5611	R756-027	Dubo ring	M10 Type 11 17.2x10.5x4	PA 6.6
	1	9D2511	R713-181	Seal ring	A 20x24x1.5	Cu
86.1	1	9B3804 repl	R755-028	Nut	M 8	
86.2	1	9B3804 repl	R755-028	Nut	M 8	
87	8	9B4202	R757-076	Data plate rivet	2.9x6.5	AISI 316
88	1		R709-338	Earth wire	1x10mm2 H07V-K EPR / Cu	
89.1	1	9B4723	R758-077	Lock washer	(M 8)	
89.2	1	9B4723	R758-077	Lock washer	(M 8)	
90	4	9B4725	R758-074	Lock washer	(M12)	
94.1	2		R759-069	Cable lug	M 8 (10mm2) 2R/8 MS	
94.2	(1/2)		R759-076	Cable lug	M 8 (4-6mm2)	
	(1/2)		R759-069	Cable lug	M 8 (10mm2) 2R/8 MS	
	(1/2)	572007	R759-070	Cable lug	M 8 (16mm2) 3R/8 MS	
94.3	(1/2)		R759-071	Cable lug	M 8 (25mm2) 4RS/8 MS	
	(1/2)		R759-106	Cable lug	M 8 (35mm2) 5RS/8 MS 35mm2	
95	1	9B6417	R906-068	Hose clamp	Ø110-130 mm b=12mm	AISI 304
96	1	9S0033	R906-069	Oil	Shell Tellus 32 2 ltr	
101	1	76047H	R701-198-NH	Volute	RD/BD60/6140	P459H Nihard 4
104	1	76124G	R701-199-GG	Volute flange	RD/BD60/6140	P485G EN-GJL-250
105	1	76048H	R711-170-NH	Wearing plate	RD/BD6040	P460H Nihard 4
110	1	76176S	R713-171-ST	Locking plate	RD6140	S235JR
117	1	9D1383	R751-155	O-ring	339.3x 5.7	NBR
118	1	9D1384	R751-122	O-ring	345x 5.00	NBR
120	(1)	76099C	R760-151	Gasket	Ø210xØ172x2	CR
122	4	76127Z	R753-216	Screw spindle	M16x195xM12 special	AISI 316
124	7	9B4459	R754-192	Hexagon socket screw	M16x 45	AISI 316
130	4	9B3826	R755-088	Nyloc nut	M12	AISI 316

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140	1	76068H	R708-354-NH	Impeller	330 RD6040/6140 con50	P4022	Nihard 4
	(1)	706306	R708-414-NH	Impeller	330 RD/BD6040/6140 con50	P4022	Nihard 4
141	1	76057H	R708-350-NH	Agitator	* Nutlock con30	P466H	Nihard 4
145	1	9B4457	R754-156	Hexagon socket screw	M12x 70		AISI 316
	(1)	9B4456	R754-113	Hexagon socket screw	M12x 50		AISI 316
149	1	9B4725	R758-074	Lock washer	(M12)		
<b>Supplement installation -V/ OWK</b>							
200	1	77160N	R710-316-NG	Suspension bracket	V mh300	P513N	EN-GJS-400-15
201	4	9B4454	R754-164	Hexagon socket screw	M12x 40		AISI 316
203	1	9H0425	R912-062	Shackle	16mm		AISI 316
211	4	9B3057	R753-152	Hexagon-head bolt	M12x 50		AISI 316
213	4	9B3826	R755-088	Nyloc nut	M12		AISI 316
214	4	9B3906	R758-102	Washer	(M12)		AISI 316
218	1	76160C	R761-003	Gasket	210xØ152x2		CR
	(1)	76227C	R761-058-C	Gasket	208xØ150x2 Ontl OWK150		
<b>Supplement installation -T</b>							
200	1	77160N	R710-316-NG	Suspension bracket	V mh300	P513N	EN-GJS-400-15
201	4	9B4454	R754-164	Hexagon socket screw	M12x 40		AISI 316
203	1	9H0425	R912-062	Shackle	16mm		AISI 316
210	1	76049H	R712-173-NH	Discharge bend	NW150-90gr.	P461H	Nihard 4
211	4	9B3122	R753-207	Hexagon tap bolt	M12x 70		AISI 316
213	4	9B3806	R755-091	Nut	M12		AISI 316
214	8	9B3906	R758-102	Washer	(M12)		AISI 316
218	1	76160C	R761-003	Gasket	210xØ152x2		CR
230	1	76093T	R715-085-ST	Support ring	Ø180 Klaassen		Fe galv.
232	8	9B4491	R754-095	Hexagon socket screw	M20x 40		AISI 316
<b>Option: rotorshaft with AISI 316 shaftend</b>							
4	1	9T528Z	R703-338-RZ	Rotor	48kW-4 con50		AISI 431/316
<b>Option: cable entry and protection sleeve (AISI 316)</b>							
36	2		R709-302	Cable entry	M42x1.5/G1"		
40	2	77070Z	R709-270	Cable hose	Ø25 l=3 m		AISI 316
	(2)	77071Z	R709-314	Cable hose	Ø25 l=5 m		AISI 316
	(2)	77072Z	R709-348	Cable hose	Ø25 l=10 m		AISI 316
41	2		R751-202	O-ring	34x 3.00		
42	2	77077L	R709-301	Seal ring	Ø30xØ22x2		PTFE
<b>Option: cable entry and protection sleeve (AISI 316)</b>							
36	1	77003Z	R709-316-RZ	Cable entry	G 7/8"-G1"	P410Z	AISI 316
37	1	77013Z	R709-318-RZ	Clamp	Ø18-21	P416Z	AISI 316
40	1	77070Z	R709-270	Cable hose	Ø25 l=3 m		AISI 316
	(1)	77071Z	R709-314	Cable hose	Ø25 l=5 m		AISI 316
	(1)	77072Z	R709-348	Cable hose	Ø25 l=10 m		AISI 316
42	1	77076L	R760-145	Seal ring	Ø23xØ19x2		PTFE
43	1	77077L	R709-301	Seal ring	Ø30xØ22x2		PTFE
45	2	9B4422	R754-085	Hexagon socket screw	M 6 x 16		AISI 316
<b>Option: waterdetector</b>							
15	1	76022G	R707-186-GG-X	Bearing housing	DWP62-Ex waterdet. ext.	P489G	EN-GJL-250
300	1	9W2771	R709-335	Cable	2x0.75mm2-Ø9		PPOV-af
301	1	77073Q	R709-336	Cable entry	Hummel HSK-M PG13.5		CuZn 40
302	1	77074Q	R717-100	Terminal	2 pole, 2.5mm2, blue 07-9702-0220/2		

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<b>Optional viton seals</b>						
13	1	9D2276	R706-324-VI	Mechanical seal	Ø50	SiC/SiC/FPM
84	1	77078L repl	R756-127	Seal ring	Ø14xØ8.1x2 (M 8)	
85	2	77079L	R756-128	Seal ring	Ø17xØ10.2x2 (M10)	PTFE
63	1	9D1396	R751-223-VI	O-ring	125x 4.00	Viton
61	1	9D1398	R751-224-VI	O-ring	297.8x 6.99	Viton
62	1	9D1399	R751-225-VI	O-ring	280x 5.00	Viton
118	1	9D1386	R751-215-VI	O-ring	345 x 5.00	Viton
117	1		R751-226	O-ring	339.3x5.7	
64	1	9D1379	R751-164-VI	O-ring	146x 4.00	